

However, claim 16 will be canceled if claims 1-6 are found allowable, but is presently being maintained in the application pending the filing of an RCE if the claims are not found allowable.

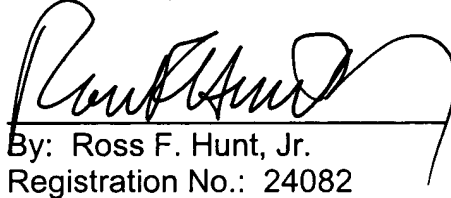
Claims 1-5 and 7 have been rejected under 35 USC 103(a) as being "unpatentable over applicant's admitted prior art of figures 8 and 9 in view of Joseph [US 4,112,405]" while claim 6 has been rejected on the same references "and further in view of Lautner et al. [US 3,959,675]." These rejections are respectfully traversed although claim 1 has been amended to even more clearly define over the cited references.

While for the reasons set forth in the previous response, applicant respectfully disagrees with the contentions of the Examiner regarding the issue of whether the Joseph patent is non-analogous art, the focus here will be on differences between the prior art and the present invention which are now underscored in the amended claims. Specifically, claim 1, as now amended, specifies that the temperature sensor is exposed on one side thereof to the secondary coil but is otherwise completely enclosed with the sensor accommodating portion of the insulation molding part. Thus, the invention is directed to an embodiment generally as depicted in Figure 4 and, in this regard, claim 6 which is directed to an external open pocket as in the embodiment of Figure 6, has been canceled.

Comparing the present invention as claimed with the Joseph patent, in the latter, the fuse is fit into a recess 31 which is open at the sides as well as at the top, in addition to being open at the front thereof (or, viewed differently, is open at the top, back and front). In any event, it is clear that the recess 31 of the Joseph patent does not completely enclose the sensor (fuse) as claimed in amended claim 1. Among other advantages, this feature of the invention permits the sensor to be molded with the secondary coil into an integral unit as described in the specification at page 9, second full paragraph.

Allowance of the application in its present form is respectfully solicited.

Respectfully submitted,


By: Ross F. Hunt, Jr.
Registration No.: 24082

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LARSON & TAYLOR, PLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314 • (703) 739-4900

ATTACHMENT B

Marked Up Replacement Claims

Following herewith is a marked up copy of each rewritten claim and each new claim.

1. (TWICE AMENDED) A high voltage transformer for a microwave oven, said transformer including a core and primary and secondary coils, and further comprising:
 - an insulation molding part enclosing at least a part of said secondary coil and including a sensor accommodating portion; and
 - a temperature sensor, accommodated in said sensor accommodating portion, for detecting the temperature of the secondary coil, said temperature sensor being exposed on one side thereof to said secondary coil but being otherwise completely enclosed within said sensor accommodating portion of said insulation molding part.